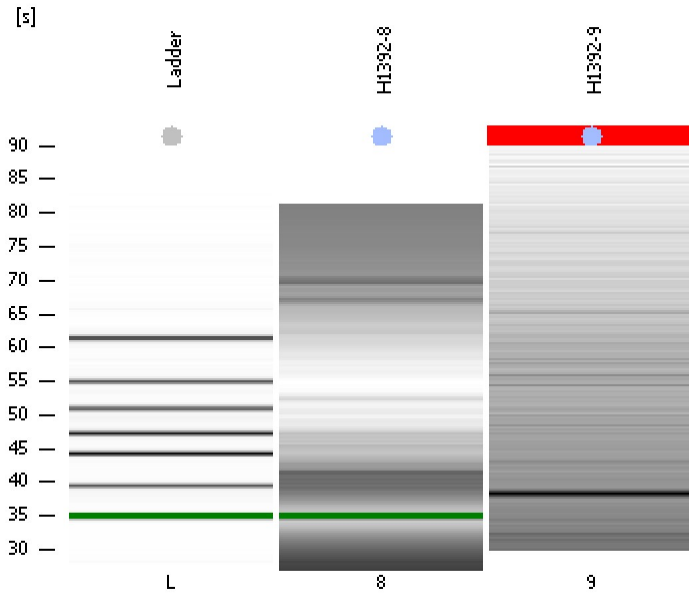


Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

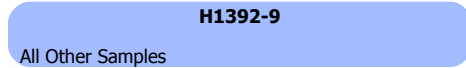
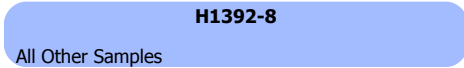
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Small RNA Series II.xsy  
Assay Class: Small RNA  
Version: 1.2  
Assay Comments: Small RNA Analysis 6 - 150 nucleotides

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Chip Information:

Chip Lot #:  
Reagent Kit Lot #:  
Chip Comments:



Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Status	Result Label	Result Color
H1392-8		✓	All Other Samples	
H1392-9		✓	All Other Samples	
Ladder		✓	Number of Peaks: 6	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 30

Maximum Visible Range [s] : 90

Start Analysis Time Range [s] : 31

End Analysis Time Range [s] : 89

Ladder Concentration [pg/ $\mu$ l] : 2500

Lower Marker Concentration [pg/ $\mu$ l] : 500

Upper Marker Concentration [pg/ $\mu$ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 30

Integration End Time [s] : 89

Slope Threshold : 0.6

Height Threshold [FU] : 3

Area Threshold : 0.2

Width Threshold [s] : 0.5

Baseline Plateau [s] : 60

### Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

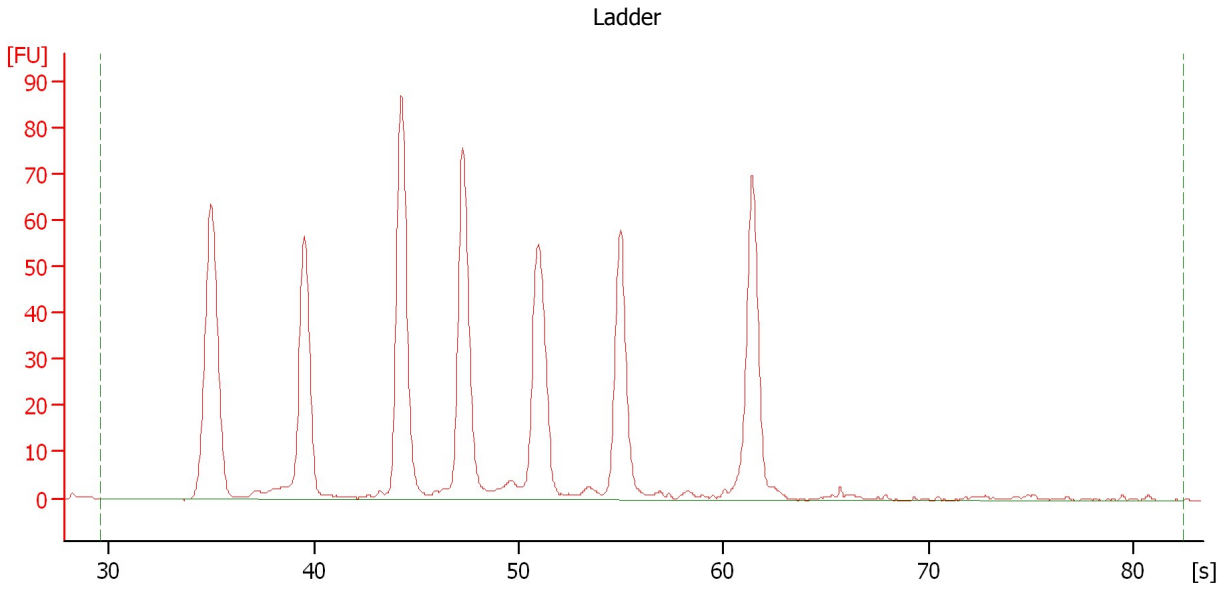
### Ladder

Ladder Peak	Size
1	4
2	20
3	40
4	60
5	80
6	100
7	150

Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Result Flagging Color:

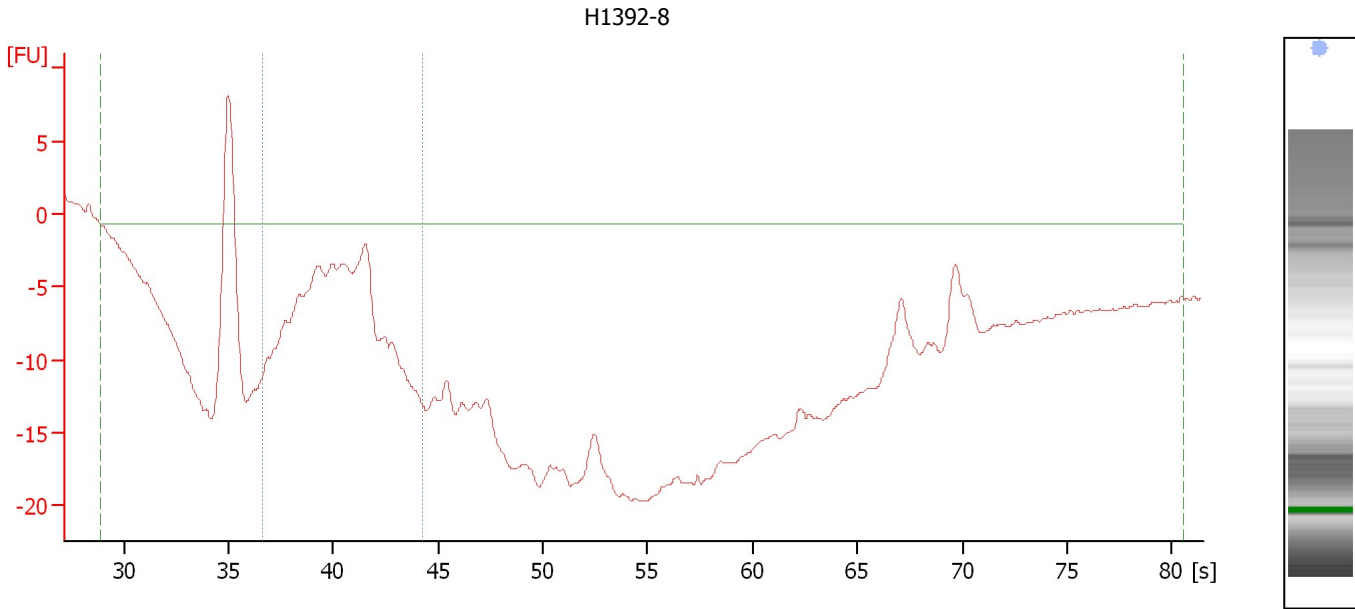
Result Flagging Label:

Number of Peaks: 6

Assay Class: Small RNA  
 Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
 Modified: 6/15/2018 12:45:04 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : H1392-8**

Small RNA Concentration [pg/μl]:	30.7	Result Flagging Color:	<span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
miRNA Concentration [pg/μl]:	0.0	Result Flagging Label:	All Other Samples
miRNA / Small RNA Ratio [%]:	0		

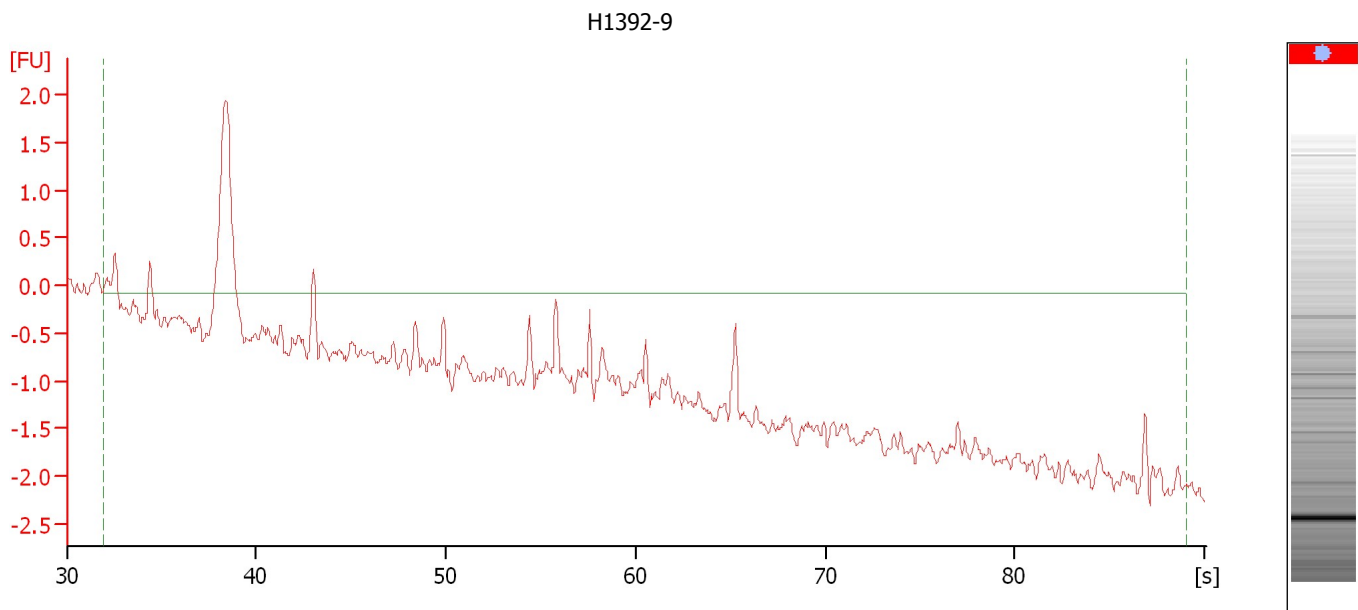
**Region table for sample 8 : H1392-8**

Name	From [nt]	To [nt]	Average Size [nt]	Size distribution in CV [%]	Conc. [pg/μl]	% of Total	Color
Small RNA	0	298	4	10.9	30.7	100	<span style="background-color: #800000; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>
miRNA	10	40	0	0.0	0.0	0	<span style="background-color: #008000; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span>

Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : H1392-9**

Result Flagging Color:

Result Flagging Label: All Other Samples

Assay Class: Small RNA  
Data Path: C:\...00 expert\data\2018-06-13\2018-06-13\_002\_BrunaAlves\_8\_9.xad

Created: 6/13/2018 10:59:57 AM  
Modified: 6/15/2018 12:45:04 PM

**Gel Image**

